

### Abstract

The description discloses a method of producing therapeutic peptides as vaccines in the prevention of human diseases that are caused by one or more proteins. The method comprises identifying the protein responsible for causing the human disease; identifying one or more signal oligopeptide sequences within the structure of the disease causing protein, the one or more signal oligopeptides representing the amino acid sequence of maximum hydrophilicity; and synthesizing one or more vaccine oligopeptides, the vaccine oligopeptides having amino acid sequences corresponding to the amino acid sequences of the signal oligopeptides of maximum hydrophilicity.